Date:

Tuesday, 8/1/2006 11:30:58 AM

User:

Kim Johnston

**Process Sheet** 

**Drawing Name** 

Part Number

Material

**Drawing Number** 

Project Number

**Drawing Revision** 

Customer

: CU-DAR001 Dart Helicopters Services

Type

Job Number

: 28073

**Estimate Number** 

: 10826

P.O. Number

: NIA

This Issue Prsht Rev. : 8/1/2006

: NC.

: N/A

: 27051

Written By

Checked & Approved By

Comment

First Issue

**Previous Run** 

S.O. No. : NIA

Removed 303 SS KJ/EC

Total:

: MACHINED PARTS

**Due Date** 

: 8/8/2006

: D23273

: N/A

: D2327 REV C

: SPACER BUSHING

Qty:

50 Um:

Each

**Additional Product** 

Job Number:



Seq. #:

Machine Or Operation:

Description:

M304R0375 1.0

304 SS ROUND BAR

8.2058 f(s)

Comment: Qty.: 0.1641 f(s)/Unit

> Inventory Material: AISI 303 Round Bar Ø0.375"

(M304R0.375)

Batch: 100817

06/08/27

HARDINGE 2.0



HARDINGE CNC LATHE SMALL

Comment: HARDINGE CNC LATHE SMALL

Turn per Folio FA232 and Dwg D2327

Deburr

06/08/27

QC2

INSPECT PARTS AS THEY COME OFF MACHINE



PARTS AS THEY COME OFF MACHINE

06108187

4.0

3.0

QC8

SECOND CHECK



Comment: SECOND CHECK



PACKAGING 1 5.0

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock Location: ST31



f 06/02/28

## Dart Aerospace Ltd

| W/O:      |  | WORK ORDER CHANGES |      |                              |  |  |                                 |                          |  |  |  |
|-----------|--|--------------------|------|------------------------------|--|--|---------------------------------|--------------------------|--|--|--|
| DATE STEP |  | PROCEDURE CHANGE   | By D | PROCEDURE CHANGE By Date Qty |  |  | Approval<br>Mfg / Design<br>Mgr | Approval<br>QC Inspector |  |  |  |
|           |  |                    | 9    |                              |  |  |                                 |                          |  |  |  |
|           |  | ets.               |      |                              |  |  |                                 |                          |  |  |  |
|           |  |                    |      |                              |  |  |                                 |                          |  |  |  |
|           |  |                    |      |                              |  |  |                                 |                          |  |  |  |

| NCR: |      |                   | WORK ORDER NON-CONFORMANCE (NCR) |                             |                |              |                        |                          |  |  |  |  |
|------|------|-------------------|----------------------------------|-----------------------------|----------------|--------------|------------------------|--------------------------|--|--|--|--|
|      |      | Description of NC |                                  | Corrective Action Section B |                | Verification |                        |                          |  |  |  |  |
| DATE | STEP | Section A         |                                  |                             | Sign &<br>Date | Section C    | Approval<br>Design Mgr | Approval<br>QC Inspector |  |  |  |  |
|      |      |                   |                                  |                             |                |              |                        |                          |  |  |  |  |
|      |      |                   |                                  |                             |                |              |                        |                          |  |  |  |  |
|      |      |                   |                                  |                             |                |              |                        |                          |  |  |  |  |
|      |      |                   |                                  |                             |                |              |                        |                          |  |  |  |  |
|      |      |                   |                                  |                             |                |              |                        |                          |  |  |  |  |
| .1   |      |                   |                                  |                             |                |              |                        |                          |  |  |  |  |
|      |      | - 1               |                                  |                             |                |              |                        |                          |  |  |  |  |
|      |      |                   |                                  |                             | :              |              |                        |                          |  |  |  |  |
|      |      |                   |                                  |                             |                |              |                        |                          |  |  |  |  |

| Part No:                         | PAR #: | Fault Category: | NCR: | Yes No DQA      | Date: <u>@/09/0)</u> |
|----------------------------------|--------|-----------------|------|-----------------|----------------------|
| NOTE: Date & initial all entries |        |                 |      | QA: N/C Closed: | Date:                |

Date:

Tuesday, 8/1/2006 11:30:58 AM

'User:

Kim Johnston

**Process Sheet** 

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: SPACER BUSHING

Job Number: 28073

Part Number: D23273

Job Number:



Seq. #:

**Machine Or Operation:** 

Description:

6.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Inspection Level 21

Job Completion



Do 00/08/01

## Dart Aerospace Ltd

| W/O: |  | WORK ORDER | WORK ORDER CHANGES |    |      |     |                                 |                          |  |  |  |
|------|--|------------|--------------------|----|------|-----|---------------------------------|--------------------------|--|--|--|
| DATE |  |            |                    | Ву | Date | Qty | Approval<br>Mfg / Design<br>Mgr | Approval<br>QC Inspector |  |  |  |
|      |  |            |                    |    |      |     |                                 | 17                       |  |  |  |
|      |  |            |                    |    |      |     |                                 |                          |  |  |  |
|      |  |            |                    |    |      |     |                                 |                          |  |  |  |
|      |  |            |                    |    |      |     |                                 |                          |  |  |  |

|      | WORK ORDER NON-CONFORMANCE (NCR) |                        |  |  |   |   |  |  |  |  |
|------|----------------------------------|------------------------|--|--|---|---|--|--|--|--|
|      | Description of NC                |                        | Corrective Action Section B              |  | Varification  | Approval<br>Design Mgr  | Annexal  |  |  |  |
| STEP | Section A                        | Initial Design Mgr     | Action Description  Design Mgr           | Sign &<br>Date   | Section C   |   | Approval<br>QC Inspector   |  |  |  |
|      |                                  |                        |  |  |   |   |  |  |  |  |
|      |                                  |                        |  |  |   |   |  |  |  |  |
|      |                                  |                        |  |  |   |   |  |  |  |  |
|      |                                  |                        |  |  |   |   |  |  |  |  |
|      |                                  |                        |  |  |   |   |  |  |  |  |
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|      |                                  |                        |  |  |   |   |  |  |  |  |
|      |                                  |                        |  |  |   |   |  |  |  |  |
|      |                                  |                        |  |  |   |   |  |  |  |  |
|      | STEP                             | STED Description of NC | STEP Description of NC Section A Initial | STEP  Description of NC Section A  Design Mgr  Corrective Action Section B  Initial Design Mgr  Design Mgr  Design Mgr | STEP Description of NC Section A Initial Design Mgr Design Mgr Design Mgr Sign & Date | STEP  Description of NC Section A  Initial Design Mgr Design Mgr  Corrective Action Section B Initial Design Mgr Design Mgr  Verification Section C | STEP  Description of NC Section A  Initial Design Mgr  Design Mgr  Design Mgr  Verification Section C Sect |  |  |  |

| Part No:                         | PAR #: | Fault Category: | NCR: | Yes   | No    | DQA:   | Date: |
|----------------------------------|--------|-----------------|------|-------|-------|--------|-------|
| NOTE: Date & initial all entries |        | ] -11           |      | QA: N | 1/C C | losed: | Date: |

| DART AEROSPACE LTD           | Work Order:  | 28073       |
|------------------------------|--------------|-------------|
| Description: Spacer Bushing  | Part Number: | D2327-3     |
| Inspection Dwg: D2327 Rev: C |              | Page 1 of 1 |

## FIRST ARTICLE INSPECTION CHECKLIST

| X First Article Prototype |               |                     |        |        |                         |          |  |  |  |  |  |
|---------------------------|---------------|---------------------|--------|--------|-------------------------|----------|--|--|--|--|--|
| Drawing<br>Dimension      | Tolerance     | Actual<br>Dimension | Accept | Reject | Method of<br>Inspection | Comments |  |  |  |  |  |
| Ø0.375                    | +0.005/-0.000 | 0.375               | 1      |        |                         |          |  |  |  |  |  |
| Ø0.257                    | +0.005/-0.000 |                     | V.     |        |                         | ·        |  |  |  |  |  |
| 1.750                     | +/-0.010      | 0.261               |        |        |                         |          |  |  |  |  |  |
|                           |               |                     |        |        |                         |          |  |  |  |  |  |
|                           |               |                     |        | -      |                         |          |  |  |  |  |  |
|                           |               |                     |        |        |                         |          |  |  |  |  |  |
|                           |               |                     |        |        |                         |          |  |  |  |  |  |
|                           |               |                     |        |        |                         |          |  |  |  |  |  |
|                           |               |                     |        |        |                         |          |  |  |  |  |  |
|                           |               |                     |        |        |                         |          |  |  |  |  |  |
|                           |               |                     |        |        |                         |          |  |  |  |  |  |
|                           |               |                     |        |        |                         |          |  |  |  |  |  |
|                           |               |                     | :      |        |                         |          |  |  |  |  |  |
|                           |               |                     |        |        |                         |          |  |  |  |  |  |
|                           | September 1   |                     |        |        |                         |          |  |  |  |  |  |
|                           |               |                     |        |        |                         |          |  |  |  |  |  |
|                           |               |                     |        |        |                         | <u></u>  |  |  |  |  |  |
|                           |               |                     |        |        |                         |          |  |  |  |  |  |
|                           |               |                     |        |        |                         |          |  |  |  |  |  |
|                           |               | -                   |        |        |                         |          |  |  |  |  |  |

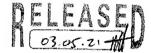
| Measured by: 5.6 | Audited by: SN | Prototype Approval: | N/A |
|------------------|----------------|---------------------|-----|
| Date: 06/08137   | Date: 6.08.27  | Date:               | NIK |

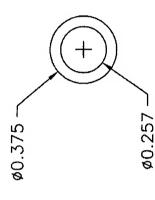
| Rev | Date     | Change    | Revised by | Approved |
|-----|----------|-----------|------------|----------|
| Α   | 04.01.13 | New Issue | KJ/RF      | . 4      |
|     |          |           |            |          |

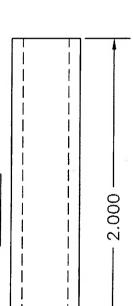




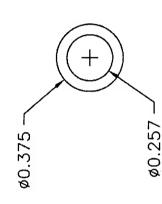
| DESIG | BW    | DRAWN BY | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA |        |
|-------|-------|----------|--|--------|
| CHECK | KED,  | APPROVED | DRAWING NO.                                    | REV. C |
| •     | 4     | 4        | D2327 SHEET                                    | 1 OF 1 |
| DATE  |       | <u></u>  | TITLE  | SCALE  |
| 03.0  | 05.13 |          | SPACER BUSHING                                 | 2:1    |
| Α     |       | 94.12.17 | NEW ISSUE                                      |        |
| В     |       | 95.12.06 | LENGTH CHANGE                                  |        |
| С     |       | 03.05.13 | 303 SS SPEC ADDED                              |        |

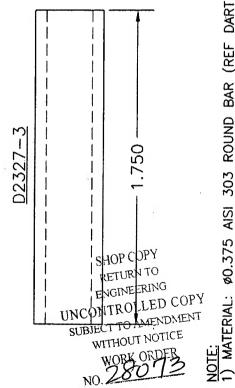






D2327-





Ø0.375 AISI 303 ROUND BAR (REF DART SPEC. M303R0.375) OR Ø0.375 AISI 304/316 SS 0.065 WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR0.375W.065)

TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE IN INCHES
BREAK ALL SHARP EDGES 0.005 TO 0.010 FINISH: NONE 364g